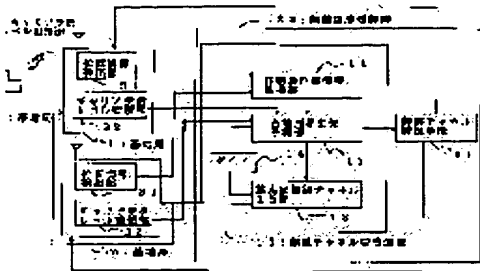


# PATENT ABSTRACTS OF JAPAN



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(21) Application number : 09-261351 (71) Applicant : OKI ELECTRIC IND CO LTD  
 (22) Date of filing : 26.09.1997 (72) Inventor : SUZUKI TAKAO

## (54) MOBILE COMMUNICATION SYSTEM

### (57) Abstract:

PROBLEM TO BE SOLVED: To provide a mobile communication system that can smoothly perform a channel switching.

SOLUTION: When a mobile station 40 in communication moves to a range of reception of another base station, a mobile communication system for switching a radio channel and continuing communication are provided with a carrier reception level measurement means 41 for measuring a reception level of a carrier signal from the base station, a carrier reception level accumulation means 32 for receiving data at the reception level and calculating comparison information in the base stations 1 to n, a position information detection part 31 for detecting a moving speed and a moving direction of the mobile station as position information, a mobile station position information accumulation part 11 for accumulating the position information in a radio line control station 20, a base station destination prediction part 12 for predicting a destination of the mobile station 40 on the basis of the comparison information and the position information, a radio channel removal part 21 for grasping a radio channel of the destination base station and a base station radio channel changeover part 13 for switching to a grasped radio channel.

## LEGAL STATUS

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